Index of Claims

Applicant(s)/Patent under Reexamination

10/705,748

Examiner

HUTCHINSON ET AL.
Art Unit

Tim Heitbrink

Date

1722

✓ Rejected= Allowed

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
|   | Restricted                     |

Claim

| N | Non-Elected  |
|---|--------------|
| 1 | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|       |  | _  | _        |          |          | _        | ı        |          |          |          |  |
|-------|--|--|----------|----------|----------|----------|----------|----------|----------|----------|--|
| Cla   | im   | Date   |          |          |          |          |          |          |          |          |  |
| Final | Original   | 10/4/06  |          |          |          |          |          |          |          |          |  |
|       | 1  | ラ  | H        | $\vdash$ | _        |          | -        | $\vdash$ | -        | Н        |  |
|       | 1<br>2<br>3<br>4<br>5<br>6   |  | П        |          |          |          |          |          |          | П        |  |
|       | 3  | 0  |          |          |          |          |          |          |          |          |  |
|       | 4  | ~  | _        |          |          |          |          |          |          | Ш        |  |
|       | 5  | ~  | _        |          | L        |          |          |          |          | Ш        |  |
|       | 6_   | 0  | _        | _        |          | _        |          |          |          |          |  |
|       | <del>-</del>   | <del>  \</del>                                   | $\vdash$ | -        | _        | _        | _        | _        | _        | Н        |  |
|       | 8<br>9   | 0  | <u> </u> | -        | _        |          |          |          |          | $\dashv$ |  |
|       | 10   | ,,   | -        | ┢╾       |          |          |          |          |          | $\dashv$ |  |
|       | 11   | ./   | <u> </u> | $\vdash$ |          |          |          |          |          | $\neg$   |  |
|       | 12   | ,/   |          |          |          |          |          |          |          | П        |  |
|       | 13   | 1  |          |          |          |          |          |          |          |          |  |
|       | 14   | /  |          |          |          |          |          |          |          |          |  |
|       | 15   | ~  |          | <u> </u> |          |          |          |          |          | Ц        |  |
|       | 16   | /  |          | <u> </u> | _        |          |          |          | _        | Н        |  |
| -     | 1/   | 1  | <b>-</b> | ┝        | H        |          |          |          |          | Н        |  |
|       | 10   | 1  | -        | _        | -        | -        |          | _        |          | Н        |  |
|       | 20   | /  | <u> </u> | $\vdash$ | $\vdash$ | $\vdash$ |          |          | $\vdash$ | Н        |  |
|       | 21   | 1  | $\vdash$ | -        |          | $\vdash$ | -        | $\vdash$ | $\vdash$ | Н        |  |
|       | 22   | /  |          |          |          |          |          |          |          | П        |  |
|       | 23   | V  |          |          |          |          |          |          |          |          |  |
|       | 24   | V,   |          |          |          |          |          |          |          |          |  |
|       | 25   | W.   | _        |          | _        | Щ        | _        |          | <u> </u> | Ц        |  |
|       | 26   | 1  | -        |          | _        |          |          | -        |          | Н        |  |
|       | 28   |  | $\vdash$ | ┝        | $\vdash$ |          |          | $\vdash$ | $\vdash$ | Н        |  |
|       | 10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23<br>24<br>25<br>26<br>27<br>28<br>29 | -  | -        | $\vdash$ | $\vdash$ | $\vdash$ | _        | $\vdash$ | $\vdash$ | Н        |  |
|       | 30   | -  | -        |          |          |          | -        |          | _        | Н        |  |
|       | 30<br>31   |  |          |          |          |          |          |          |          | П        |  |
|       | 32   |  |          |          |          |          |          |          |          |          |  |
|       | 33   |  |          |          |          |          |          |          |          |          |  |
|       | 34   |  | _        |          | _        | <u> </u> | _        | _        |          | Ш        |  |
|       | 35   | <u> </u>   | _        | _        | _        | <u> </u> | _        | <u> </u> |          | $\dashv$ |  |
|       | 36<br>37   | -  | -        | _        | _        | $\vdash$ | _        |          |          | Н        |  |
|       | 38   | <del>                                     </del> |          | -        | H        | H        | -        |          |          | Н        |  |
|       | 38<br>39   | $\vdash$   |          |          | Н        | Н        |          | -        |          | H        |  |
|       | 40   | 一  | _        | _        | $\vdash$ | $\vdash$ | $\vdash$ | _        | Т        | Н        |  |
|       | 41   |  |          |          |          |          |          |          |          |          |  |
|       | 42   |  |          |          |          |          |          |          |          |          |  |
|       | 43   |  |          |          |          |          |          |          |          |          |  |
|       | 44   | <u> </u>   | L_       | _        | L        |          | L        |          | L        | Ш        |  |
|       | 45   | <u> </u>   |          | <u> </u> | $\vdash$ | L        | L.,      | <u> </u> | L.       | Ш        |  |
|       | 46<br>47   | -  | -        |          | -        | -        | -        | $\vdash$ |          | Н        |  |
|       | 48   | -  | -        | <u> </u> | <u> </u> | -        |          | $\vdash$ | -        | Н        |  |
| _     | 49   | -  | $\vdash$ | $\vdash$ | ┢        | Н        | H        | $\vdash$ | H        | $\dashv$ |  |
|       | 50   | $\vdash$   | H        |          | H        |          |          | H        | Н        | H        |  |
|       |  |  |          |          |          |          |          |          |          | _        |  |

| H |             |                | _        |   |             | _            | $\overline{}$      | $\overline{}$                                    | _        | _        | _ |
|---|-------------|----------------|----------|---|-------------|--------------|--------------------|--|----------|----------|---|
|   | Final       | Original       |          |   |             |              |                    |  |          |          |   |
| ŀ | _           | 51             |          | - | -           | _            | _                  | _  | _        | _        | _ |
| ŀ | -           | 52             |          |   | _           |              | _                  |  |          |          |   |
| ŀ | _           | 53             |          | - |             |              |                    |  |          | -        |   |
| ŀ |             | 54             |          | - |             |              |                    |  | _        |          |   |
| ŀ |             | 55             |          | - |             |              |                    |  |          |          | _ |
| ŀ |             | 56             |          | _ | _           |              | _                  |  |          | $\vdash$ |   |
| ŀ |             | 56<br>57       |          |   |             |              | -                  |  | _        | -        |   |
| ŀ | $\dashv$    | 58             | -        | _ | _           | _            | -                  |  |          |          |   |
| ł |             | 59             |          |   | <del></del> | _            | _                  |  | _        |          |   |
| ł |             | 60             |          | _ |             |              | Н                  | _  | _        | _        |   |
| ŀ | -           | 61             | Н        |   |             |              |                    |  |          | _        |   |
| ł |             | 61<br>62       | -        |   |             |              | -                  | _  |          |          |   |
| ŀ |             | 63             | -        | _ | $\vdash$    |              | _                  | $\vdash$   |          | -        |   |
| ł |             | 64             | -        |   | -           | -            |                    |  |          | -        |   |
| ł | $\neg \neg$ | 65             | _        |   | _           | _            | _                  | H  | _        | -        |   |
| ŀ |             | 66             |          |   | _           | -            | _                  |  | _        |          |   |
| ŀ |             | 67             |          |   |             |              |                    |  |          |          |   |
| ŀ |             | 68             | _        |   |             | $\vdash$     |                    | -  | -        |          |   |
| ŀ |             | 69             |          |   |             | -            | _                  | $\vdash$   | $\vdash$ | $\vdash$ |   |
| ŀ |             | 70             | _        |   |             |              | -                  | -  | $\vdash$ | -        |   |
| ŀ | -           | 70<br>71       | _        | _ | _           |              |                    | $\vdash$   | _        | _        |   |
| ŀ |             | 72             |          |   | -           | -            | _                  |  | -        | _        |   |
| ŀ |             | 73             |          |   |             | $\vdash$     |                    | H  |          |          |   |
| ŀ |             | 72<br>73<br>74 | _        | _ | _           | $\vdash$     | _                  | <del>                                     </del> | _        |          |   |
| ŀ |             | 75             |          |   |             |              | -                  |  | -        | _        |   |
| ŀ |             | 75<br>76       |          |   |             |              |                    |  |          |          |   |
| t |             | 77             |          |   |             |              | _                  |  |          |          | _ |
| t |             | 78             |          |   |             |              |                    |  |          |          | _ |
| Ì |             | 78<br>79       |          |   |             | _            |                    |  |          |          | _ |
| t |             | 80             |          |   |             |              |                    |  |          |          |   |
| l |             | 81             |          |   |             |              |                    | _  |          |          | _ |
| Ì |             | 81<br>82       |          |   |             | _            | _                  |  |          |          |   |
| Ì | $\neg$      | 83             |          |   |             |              |                    |  |          |          |   |
| İ |             | 84             |          |   |             |              |                    |  |          |          |   |
| İ |             | 85             |          |   |             |              |                    |  |          |          |   |
| Ī |             | 86             |          |   |             |              |                    |  |          |          |   |
| Ī |             | 87             |          |   |             |              |                    |  |          |          |   |
| I |             | 88             |          |   |             |              |                    |  |          |          |   |
| ſ | _ 1         | 89             |          |   |             |              |                    |  |          |          |   |
|   |             | 90             |          |   |             |              |                    |  |          |          |   |
|   |             | 91             |          |   |             |              |                    |  |          |          |   |
|   |             | 92             |          |   |             |              |                    |  |          |          |   |
|   |             | 92<br>93       |          |   |             |              |                    |  |          | L_       | L |
|   |             | 94             |          |   |             |              | _                  | oxdot  |          |          |   |
| Ĺ | ]           | 95             |          |   |             |              | $oxedsymbol{oxed}$ | <u> </u>   |          | L        |   |
|   |             | 96             |          |   |             |              |                    |  |          |          |   |
|   |             | 97             |          |   |             | $oxed{oxed}$ | _                  |  | _        | L        |   |
| Ĺ |             | 98             |          |   |             | L_           |                    | L  |          | Ш        |   |
| Ļ |             | 99             | <u> </u> |   |             | _            |                    | _  | <u> </u> | Ш        |   |
| Ĺ |             | 100            |          |   | L.,         | L,           | L                  |  | L_       | L        | L |

| Claim    |  | Г        |  |          |              | Date     | <del></del>  |          |          |          |
|----------|--|----------|--|----------|--------------|----------|--------------|----------|----------|----------|
|          |  |          |  |          |              | Г        |              |          |          |          |
| Final    | Original                               |          |  |          |              |          |              |          |          |          |
|          | 101<br>102<br>103                      |          |  |          |              |          |              |          |          |          |
|          | 102                                    |          |  |          |              |          |              |          |          |          |
|          | 103                                    |          |  | L        | L            |          |              |          | L        | $\Box$   |
|          | 104<br>105                             | L        | _  | <u> </u> | _            | _        | _            | _        | _        |          |
| <u> </u> | 105                                    | _        | _  | <u> </u> | <u> </u>     | _        | _            |          |          | Ш        |
| ļ        | 106                                    |          | _  | _        | L            |          | <u> </u>     |          |          | Ш        |
|          | 107<br>108                             | _        | _  | _        |              |          | -            | _        |          | Н        |
| _        | 109                                    |          | -  | -        | -            |          | -            | -        |          | -        |
|          | 110                                    | $\vdash$ | ┝  | <u> </u> | $\vdash$     | -        |              | $\vdash$ |          | Н        |
|          | 111                                    |          | $\vdash$   | _        | ┢            |          | $\vdash$     | ┢        |          | Н        |
|          | 110<br>111<br>112                      |          |  | _        | Н            |          |              |          |          | Н        |
|          | 113                                    |          | Т  | $\vdash$ | $\vdash$     |          | $\vdash$     | $\vdash$ |          | $\vdash$ |
|          | 113<br>114<br>115                      |          | Т  | Г        | Г            |          |              | Г        |          | П        |
|          | 115                                    |          |  |          |              |          |              |          |          |          |
|          | 116                                    |          |  |          |              |          |              |          |          |          |
|          | 117                                    |          |  |          |              |          |              |          |          |          |
|          | 116<br>117<br>118                      |          |  |          |              |          |              |          |          |          |
|          | 119                                    |          |  |          |              |          | _            |          |          |          |
|          | 120                                    |          |  |          |              |          |              |          |          |          |
|          | 121                                    | _        |  | _        | _            |          | _            | _        | _        | $\Box$   |
|          | 122                                    | _        | _  | <u> </u> | _            | _        | _            | $\vdash$ |          | $\Box$   |
|          | 123                                    |          | _  | _        |              | _        | -            | _        | -        |          |
|          | 124                                    | -        | -  | _        | _            | _        | -            | <u> </u> | _        |          |
|          | 121<br>122<br>123<br>124<br>125<br>126 | H        | $\vdash$   |          | $\vdash$     | _        | $\vdash$     | -        | $\vdash$ | $\dashv$ |
| -        | 127                                    | -        | ┝  | -        | $\vdash$     | _        |              | _        | _        | -        |
|          | 128                                    |          | $\vdash$   | _        |              | $\vdash$ |              | -        | Н        | $\dashv$ |
|          | 127<br>128<br>129                      |          |  |          | _            | _        |              | _        |          | $\neg$   |
|          | 130<br>131<br>132                      |          |  |          | П            |          |              |          |          |          |
|          | 131                                    |          |  |          |              |          |              |          |          |          |
|          | 132                                    |          |  |          |              |          |              |          |          |          |
|          | 133<br>134                             |          |  |          |              |          |              |          |          |          |
|          | 134                                    |          |  |          |              |          | $oxed{oxed}$ | L        | <u>L</u> | Ш        |
|          | 135<br>136                             | $\vdash$ | <u> </u>   | <u> </u> | _            | $\sqcup$ | $\vdash$     | <u> </u> | Ļ.,      | Щ        |
|          | 136                                    | H        | _  | _        | _            | _        | <u> </u>     | <u> </u> | _        | Ш        |
|          | 137                                    | -        | <del> </del>                                     | -        | -            | $\vdash$ | <del> </del> | $\vdash$ | -        | $\vdash$ |
| <u> </u> | 138<br>139                             | -        | <del> </del>                                     | ┝        | ├─           | -        | -            | ┝        | _        | Н        |
| _        | 140                                    | -        | -  | ┢┈       | <del> </del> |          | -            | -        | <u> </u> | -        |
|          | 141                                    | -        | $\vdash$   | $\vdash$ | $\vdash$     | H        | -            | $\vdash$ | $\vdash$ | Н        |
| <b></b>  | 142                                    | _        | <del>                                     </del> | $\vdash$ | $\vdash$     | Н        | $\vdash$     | Н        | $\vdash$ | Н        |
| <b></b>  | 143                                    |          | Т  | Т        | Г            | Г        | Г            | Г        | Ι-       | H        |
|          | 144                                    |          | Г  | Ι-       | Ι            | П        |              | $\vdash$ | Г        | П        |
|          | 145                                    |          |  | Г        | Г            | Т        | Г            |          | Г        | П        |
|          | 146                                    |          |  | Г        | Г            |          |              |          |          |          |
|          | 147                                    |          |  |          |              |          |              |          |          |          |
|          | 148                                    |          |  |          |              |          |              |          |          |          |
|          | 149                                    |          |  |          |              |          |              |          | L        |          |
|          | 150                                    |          |  |          |              |          |              |          |          |          |